



**PATENT** 

### THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of:

Frank L. Hall

Serial No.: 10/706,575

Filed: November 12, 2003

For: BALL GRID ARRAY SUBSTRATES

VIA USE OF A LASER (as amended)

Confirmation No.: 6661

Examiner: S. Heinrich

**Group Art Unit: 1725** 

Attorney Docket No.: 2269-4718.1US

(00-0316.01/US)

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 13, 2006

Leta M. Howard Name (Type/Print)

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### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. The listed documents were cited by the Office in co-pending application Serial No. 11/327,817, filed on January 6, 2006, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

# U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>	
US - 5,688,158	11/1997	Jones et al.	
US - 6,732,266	05/2004	Anderson et al.	

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,

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Date: September 13, 2006

JRD/sfc:lmh

Enclosure: Form PTO/SB/08

Document in ProLaw

PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Complete if Known			
Application Number	10/706,575		
Filing Date	November 12, 2003		
First Named Inventor	Frank L. Hall		
Group Art Unit	1725		
Examiner Name	S. Heinrich		
Attorney Docket Number	2269-4718.1US (00-0316.01/US)		

		Document Number		Name of Patentee or Applicant of	P 01 11 111 P1
Examiner Initials *	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,688,158	11/1997	Jones et al.	
		US- 6,732,266	05/2004	Anderson et al.	
		US-			
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	FOREIGN PATENT DOCUMENTS					
Examiner Cite	Cite	Foreign Patent Document	Publication Date Applicant of C	Name of Patentee or	Pages, Columns, Lines,	T <sup>6</sup>
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
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Examiner Signature	Date Considered	

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